



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Kha H. Nguyen

Application No.: 10/814,545

Filed: March 30, 2004

For: **METHOD AND SYSTEM FOR
INCREMENTALLY UPDATING A
CHECKSUM IN A NETWORK DATA
PACKET**

Art Unit: 2661

Examiner: Unassigned

**TRANSMITTAL OF INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. §1.56, 1.97 and 1.98**

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

- ☒ Information Disclosure Statement under 37 C.F.R. §1.56, 1.97 and 1.98;
- ☒ Form PTO-1449 with 8 references; and
- ☒ Return postcard.

CERTIFICATE OF MAILING
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

November 5, 2004
Date of Deposit

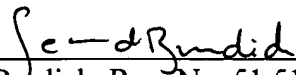
Robin L. Clow
Name of Person Mailing Paper

B. Clow
Signature of Person Mailing Paper

Applicant believes no fees are due in connection with this transmittal. However, if any fees are in fact due, the Commissioner is hereby authorized to be charged to our Deposit Account No. **08-3038**. Kindly make reference to Howrey Docket No. **02453.0028.NPUS00** when debiting this account.

Respectfully submitted,

Dated: November 5, 2004.


Sean D. Burdick, Reg. No. 51,513

HOWREY SIMON ARNOLD & WHITE, LLP
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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 and 1.98**

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby submit, without admission of prior art effect thereof, the documents listed on the accompanying Form PTO-1449 pursuant to the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

CERTIFICATE OF MAILING
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached hereto) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Name of Person Mailing Paper

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Signature of Person Mailing Paper

Applicant has listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

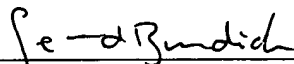
This Information Disclosure Statement is being filed within three months of the U.S. filing date or before the mailing date of a first Office Action on the merits, therefore no statement under 37 C.F.R. § 1.97(e) or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. **08-3038**. Kindly make reference to Howrey Docket No. **02453.0028.NPUS00** when debiting this account.

Respectfully submitted,

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

APPLICANT:

David K. Parker et al.

FILING DATE:

March 30, 2004

GROUP:

2661

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	6,295,299	9/25/2001	Haddock, et al.			
	AB	6,034,957	3/7/2000	Haddock, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES NO
		None					X
							X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AC	Van Ess, D., <i>A Circular FIFO, PSoC Style, Cypress Microsystems, Application Note AN2036</i> , Rev. B, pp. 1-5, June 21, 2002.
	AD	Network Working Group, <i>RFC 1071 – Computing the Internet Checksum</i> , September 1988, available at: http://www.faqs.org/rfcs/rfc1071.html
	AE	Network Working Group, <i>RFC 1141 – Incremental Updating of the Internet Checksum</i> , January 1990, available at: http://www.faqs.org/rfcs/rfc1141.html
	AF	Network Working Group, <i>RFC 1624 – Computation of the Internet Checksum via Incremental Update</i> , May 1994, available at: http://www.faqs.org/rfcs/rfc1624.html
	AG	Netlogic Microsystems, Product Brief NSE5000GLQ, Copyright 2004, available at: http://www.netlogicmicro.com/datasheets/nse5000glq.html
	AH	Zhang, Z., <i>Recovery of Memory and Process in DSM Systems: HA Issue #1, Hewlett-Packard Co. HPL-2001-76</i> , March 30, 2001.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant